

**To:** Hiatt, Gerald[Hiatt.Gerald@epa.gov]; Black, Ned[Black.Ned@epa.gov]; Delgado, Eric[Delgado.Eric@epa.gov]; Nattis, Randy[Nattis.Randy@epa.gov]; Wise, Robert[Wise.Robert@epa.gov]  
**Cc:** Loesel, Matthew[loesel.matthew@epa.gov]; McComb, Martin[McComb.Martin@epa.gov]; Rauscher, Jon[Rauscher.Jon@epa.gov]; Guria, Peter[Guria.Peter@epa.gov]; Allen, HarryL[Allen.HarryL@epa.gov]  
**From:** McKean, Deborah  
**Sent:** Thur 8/13/2015 1:43:58 AM  
**Subject:** RE: Please find attached the validated data tables for Region 6 for Surface Water Samples taken Aug 6-8, 2015

I only sent you the write-up so you could see the format of how the summary should look to match the R8 and R6 write-ups. Please get me something that you feel describes your data, the screen you have done and how the screen turned out. The data are supposed to be posted in the morning so I need this ASAP.

**From:** Hiatt, Gerald  
**Sent:** Wednesday, August 12, 2015 7:38 PM  
**To:** McKean, Deborah; Black, Ned; Delgado, Eric; Nattis, Randy; Wise, Robert  
**Cc:** Loesel, Matthew; McComb, Martin; Rauscher, Jon; Guria, Peter; Allen, HarryL  
**Subject:** Re: Please find attached the validated data tables for Region 6 for Surface Water Samples taken Aug 6-8, 2015

I'm seeing Deb's writeup in Word as an example of how to present the data, but no data files. Maybe b/c Outlook strips off attachments when an email is forwarded(?)

Gerald F.S. Hiatt, Ph.D.  
Senior Regional Toxicologist  
U.S. EPA, Region 9  
415-972-3064  
[hiatt.gerald@epa.gov](mailto:hiatt.gerald@epa.gov)

Please be advised I have only limited ability to use email when not in the office (e.g., on travel) so please be patient with any delays in communication

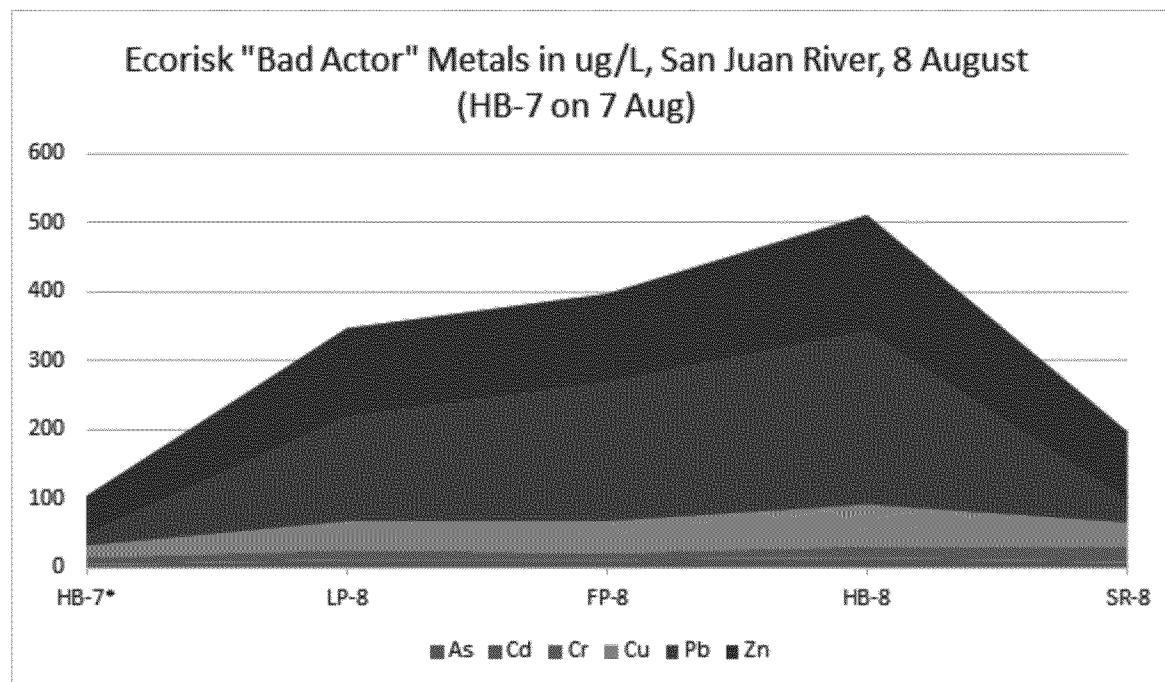
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**From:** McKean, Deborah  
**Sent:** Wednesday, August 12, 2015 5:15 PM  
**To:** Black, Ned; Delgado, Eric; Nattis, Randy; Wise, Robert  
**Cc:** Loesel, Matthew; McComb, Martin; Rauscher, Jon; Hiatt, Gerald; Guria, Peter; Allen, HarryL  
**Subject:** RE: Please find attached the validated data tables for Region 6 for Surface Water Samples taken Aug 6-8, 2015

Please see the attached data summary report. Can you please add to this in a form similar to that provided by Regions 6 and 8?

**From:** Black, Ned  
**Sent:** Wednesday, August 12, 2015 3:48 PM  
**To:** Delgado, Eric; McKean, Deborah; Nattis, Randy; Wise, Robert  
**Cc:** Loesel, Matthew; McComb, Martin; Rauscher, Jon; Hiatt, Gerald; Guria, Peter; Allen, Harry L  
**Subject:** RE: Please find attached the validated data tables for Region 6 for Surface Water Samples taken Aug 6-8, 2015

Gerry Hiatt and I have been looking at the data from the San Juan River sites sampled on 7 & 8 August. It looks like the pulse had not reached Hogback by August 7. On August 8, it appears the pulse was in the San Juan River, spread between Farmington and Shiprock with the peak metals concentrations at Hogback. Gerry has some further thoughts and observations. Regardless, this is to be viewed as a very preliminary observation based almost entirely on data from 4 sites on one day. We can be much more definitive after we see data from other days.



ned black, ph.d.

us epa r9

regional cercla ecologist

415-972-3055

Please be advised I currently have limited access to email when I am not in the office (e.g., on travel), therefore please be patient with any communication delays.

**From:** Delgado, Eric  
**Sent:** Wednesday, August 12, 2015 2:14 PM  
**To:** McKean, Deborah; Nattis, Randy; Wise, Robert; Black, Ned  
**Cc:** Loesel, Matthew; McComb, Martin; Rauscher, Jon  
**Subject:** Re: Please find attached the validated data tables for Region 6 for Surface Water Samples taken Aug 6-8, 2015

Ned?

Sent from my iPhone

On Aug 12, 2015, at 15:48, McKean, Deborah <[mckean.deborah@epa.gov](mailto:mckean.deborah@epa.gov)> wrote:

How is the region 9 data interpretation coming?

**From:** Loesel, Matthew  
**Sent:** Wednesday, August 12, 2015 2:36 PM  
**To:** McKean, Deborah; McComb, Martin  
**Cc:** Delgado, Eric; Rauscher, Jon  
**Subject:** Please find attached the validated data tables for Region 6 for Surface Water Samples taken Aug 6-8, 2015

Matt Loesel

R6 Planning Section Chief

US EPA – Region 6

817-271-4586